

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	45	(US-20040101668-\$ or US-20050074597-\$ or US-20060029809-\$ or US-20030001410-\$ or US-20030087075-\$ or US-20040094976-\$ or US-20050095375-\$ or US-20010037607-\$ or US-20050035609-\$ or US-20020177470-\$ or US-20020058764-\$ or US-20030087973-\$).did. or (US-6332731-\$ or US-5962073-\$ or US-6288144-\$ or US-6455138-\$ or US-PE28506-\$ or US-6013351-\$ or US-4220681-\$ or US-4313985-\$ or US-4429020-\$ or US-6068424-\$ or US-6808224-\$ or US-6305129-\$ or US-5833889-\$ or US-5741446-\$ or US-6139088-\$ or US-5928727-\$ or US-6233875-\$ or US-6841107-\$ or US-3895468-\$ or US-4603153-\$ or US-6321441-\$ or US-5220541-\$ or US-6695939-\$ or US-6682811-\$ or US-4241129-\$ or US-4113295-\$).did. or (US-6538620-\$).did. or (WO-100382-\$).did. or (JP-55072413-\$ or JP-2002361795-\$ or JP-06335941-\$ or JP-55003972-\$).did. or (JP-01114407-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/08 21:06
L2	2	L1 and (thermal adj expansion)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/08 21:07
L3	6	L1 and coefficient	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/08 21:08
L4	1	L1 and CTE	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/08 21:10
L5	11	(automobile and trim).ti,ab, clm. and CTE	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/08 21:11

L6	72	metal with polymer with CTE	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/08 21:21
L7	0	((metal adj layer) with (polymer adj layer) with CTE	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/08 21:21
L8	12	metal with polymer with CTE with layer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/08 21:22
L9	11	((automobile car) and trim).ti, ab,clm. and CTE	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/08 21:23
L10	11	((automobile car) and metal and polymer).ti,ab,clm. and CTE	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/08 21:23
L11	307	((automobile car) and metal and polymer).ti,ab,clm. and (coefficient CTE (thermal adj expansion))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/08 21:24
L12	12	((automobile car) and metal and polymer).ti,ab,clm. and (coefficient CTE (thermal adj expansion)) with metal with polymer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/08 21:25
L13	3	(injection adj mold).ti,ab,clm. and ((coefficient CTE (thermal adj expansion)) with metal with polymer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/08 21:29
L14	25	(injection adj mold) and (coefficient CTE (thermal adj expansion)) with metal with polymer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/08 21:29
L15	28	(injection adj mold) and (coefficient CTE expansion (thermal adj expansion)) with metal with polymer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/08 21:31
L16	24	((automobile car) and CTE).ti, ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/08 21:39
L17	25	296/146.7,1.08,1.07.ccls. and (coefficient CTE (thermal adj expansion))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/08 21:47
L18	76	428/31.ccls. and (coefficient CTE (thermal adj expansion))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/08 21:57
S55	2398	(automobile car truck).ab,ti, clm. and (metal and resin).ab, ti,clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S56	159	(automobile car truck).ab,ti, clm. and (metal and resin).ab, ti,clm. and trim	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39

S57	104	(automobile car truck).ab,ti,clm. and (metal and resin).ab,ti,clm. and trim.ab,ti,clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S58	24	(automobile car truck).ab,ti,clm. and (metal and resin).ab,ti,clm. and (glass adj3 filled)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S59	12	(automobile car truck).ab,ti,clm. and (metal and resin).ab,ti,clm. and trim and ((glass adj4 filled) (glass adj4 nylon) (filled adj4 nylon))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S60	39	(automobile car truck) and (metal and resin).ab,ti,clm. and ((glass adj4 filled) (glass adj4 nylon) (filled adj4 nylon)).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S61	16	296/146.7,1.08,1.07.ccls. and ((metal aluminum) and (polyamide resin nylon (glass adj fiber) (glass adj4 filled) (glass adj4 nylon) (filled adj4 nylon))) .ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S62	91	(296/146.7,1.08,1.07.ccls. and ((metal aluminum) and (polyamide resin nylon (glass adj fiber) (glass adj4 filled) (glass adj4 nylon) (filled adj4 nylon))) not S61	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S63	0	296/146.7,1.08,1.07.ccls. and aluminum and ((glass adj fiber) (glass adj4 filled) (glass adj4 nylon) (filled adj4 nylon)) not (S61 S62)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S64	17	296/146.7,1.08,1.07.ccls. and ((glass adj fiber) (glass adj4 filled) (glass adj4 nylon) (filled adj4 nylon)) not (S61 S62)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S65	159	(automobile car truck).ab,ti,clm. and (metal and resin).ab,ti,clm. and trim	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S66	104	(automobile car truck).ab,ti,clm. and (metal and resin).ab,ti,clm. and trim.ab,ti,clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S67	24	(automobile car truck).ab,ti,clm. and (metal and resin).ab,ti,clm. and (glass adj3 filled)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S68	12	(automobile car truck).ab,ti,clm. and (metal and resin).ab,ti,clm. and trim and ((glass adj4 filled) (glass adj4 nylon) (filled adj4 nylon))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39

S69	39	(automobile car truck) and (metal and resin).ab,ti,clm. and ((glass adj4 filled) (glass adj4 nylon) (filled adj4 nylon)).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S70	16	296/146.7,1.08,1.07.ccls. and ((metal aluminum) and (polyamide resin nylon (glass adj fiber) (glass adj4 filled) (glass adj4 nylon) (filled adj4 nylon))).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S71	91	(296/146.7,1.08,1.07.ccls. and ((metal aluminum) and (polyamide resin nylon (glass adj fiber) (glass adj4 filled) (glass adj4 nylon) (filled adj4 nylon)))) not S70	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S72	0	296/146.7,1.08,1.07.ccls. and aluminum and ((glass adj fiber) (glass adj4 filled) (glass adj4 nylon) (filled adj4 nylon)) not (S70 S71)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S73	17	296/146.7,1.08,1.07.ccls. and ((glass adj fiber) (glass adj4 filled) (glass adj4 nylon) (filled adj4 nylon)) not (S70 S71)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S74	4492	((aluminum metal) and (("30%" "%" "wt%") with ((glass adj fiber) (glass adj4 filled) (glass adj4 nylon) (filled adj4 nylon)))) not (S65 S66 S67 S68 S69 S70 S71 S72 S73)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S75	1430	((aluminum metal) and (polyamide resin nylon thermoplastic) and adhesive and (("30%" "%" "wt%") with ((glass adj fiber) (glass adj4 filled) (glass adj4 nylon) (filled adj4 nylon)))) not (S65 S66 S67 S68 S69 S70 S71 S72 S73)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S76	98	((aluminum metal) with (polyamide resin nylon thermoplastic) with adhesive) and (("30%" "%" "wt%") with ((glass adj fiber) (glass adj4 filled) (glass adj4 nylon) (filled adj4 nylon)))) not (S65 S66 S67 S68 S69 S70 S71 S72 S73)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39

S77	216	((aluminum metal) with (polyamide resin nylon thermoplastic) with adhesive) and (color colored pigment) and (transparent clear) and opaque and (automobile automotive car truck)) not (\$65 \$66 \$67 \$68 \$69 \$70 \$71 \$72 \$73 \$76)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S78	13	((US-20010037607-\$ or US-20030087075-\$ or US-20040101668-\$ or US-20050074597-\$ or US-20050095375-\$ or US-20050035609-\$ or US-20030001410-\$ or US-20040094976-\$).did. or (US-4220681-\$ or US-4313985-\$ or US-4429020-\$ or US-5741446-\$ or US-5928727-\$ or US-5962073-\$ or US-6068424-\$ or US-6139088-\$ or US-6233875-\$ or US-6288144-\$ or US-6332731-\$ or US-6841107-\$ or US-6808224-\$ or US-6305129-\$ or US-5833889-\$).did. or (JP-06335941-\$ or JP-2002361795-\$ or JP-55072413-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2009/11/07 18:39
S79	0	(transparent clear) and opaque and S78	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S80	21	("3118781"   "3916048"   "4101698"   "4115619"   "4188358"   "4211822"   "4215170"   "4403004"   "4407871"   "4431711"   "4503189"   "4713143"   "5174434"   "5198272"   "5284679"   "5290625"   "5320869"   "5384161"   "5464661"   "5468518").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/07 18:39
S81	12	((("4734230") or ("4923539") or ("5133912") or ("5411688") or ("5824251") or ("5919324") or ("5925847") or ("6391232") or ("6422640") or ("6447706") or ("6464917") or ("6479006"))).PN.	USPAT	OR	OFF	2009/11/07 18:39
S82	4	S78 and hole\$.ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S83	3	S78 and (through adj hole\$.ti, ab,clm.)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39

S84	27	((aluminum metal) and (polyamide resin nylon thermoplastic) and adhesive and (through adj hole\$.ti,ab,clm.) and (("30%" "% " "wt%") with ((glass adj fiber) (glass adj4 filled) (glass adj4 nylon) (filled adj4 nylon)))) not (S65 S66 S67 S68 S69 S70 S71 S72 S73)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S85	129	(aluminum metal) and (polyamide resin nylon thermoplastic) and (through adj hole\$.ti,ab,clm.) and (automobile automotive car truck) and trim	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S86	1257	in-mold adj decorat\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/07 18:39
S87	520	(aluminum metal) and (polyamide resin nylon thermoplastic) and S86	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S88	3	((aluminum metal) and (polyamide resin nylon thermoplastic) and adhesive and (("30%" "% " "wt%") with ((glass adj fiber) (glass adj4 filled) (glass adj4 nylon) (filled adj4 nylon)))) and S86	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S89	2	"6824321".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/07 18:39
S90	16	("4500758"   "4818829"   "5374449"   "5666112"   "5669486"   "5797482"   "5815139"   "5871088"   "6035180"   "6061446"   "6148075"   "6369801"   "6373008"   "6402579"   "6512827"   "6750414").FN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/07 18:39
S91	4	"4460205".pn. "20020058764".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/07 18:39
S92	202	((aluminum metal) and (polyamide resin nylon thermoplastic) and (("30%" "% " "wt%") with ((glass adj fiber) (glass adj4 filled) (glass adj4 nylon) (filled adj4 nylon)))) and trim	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39

S93	139	(aluminum and (polyamide resin nylon thermoplastic) and ((("30%" " %" "wt%") with ((glass adj4 fiber) (glass adj4 filled) (glass adj4 nylon) (filled adj4 nylon)))) and trim	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39
S94	4	grefenstein.inv. and knoll.inv.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/07 18:39
S95	6	"4499662"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/07 18:39
S96	20	("4317011"   "4326930"   "4400595"   "4461934"   "4499662"   "4532575"   "4620075"   "4633050"   "4714804"   "4771143"   "4801768"   "4847452"   "4870751"   "4876145"   "5193668"   "5397867"   "5467068"   "5561278"   "5655826"   "5734137").FN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/07 18:39
S97	86	watch with feature with face	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/07 18:39
S98	24	(US-20040101668-\$ or US- 20050074597-\$ or US- 20060029809-\$ or US- 20030001410-\$ or US- 20030087075-\$ or US- 20040094976-\$ or US- 20050095375-\$ or US- 20010037607-\$ or US- 20050035609-\$ or US- 20020177470-\$ or US- 20020058764-\$ or US- 20030087973-\$).did. or (US- 6332731-\$ or US-5962073-\$ or US-6288144-\$ or US-6455138- \$ or US-RE28506-\$ or US- 6013351-\$ or US-4220681-\$ or US-4313985-\$ or US-4429020- \$ or US-6068424-\$ or US- 6808224-\$ or US-6305129-\$ or US-5833889-\$ or US-5741446- \$ or US-6139088-\$ or US- 5928727-\$ or US-6233875-\$ or US-6841107-\$ or US-3895468- \$ or US-4603153-\$ or US- 6321441-\$ or US-5220541-\$). did. or (WO-100382-\$).did. or (JP-55072413-\$ or JP- 2002361795-\$ or JP-06335941- \$).did.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/07 18:39

S99	1	(hot with melt) and S98	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/07 18:39
S100	137	(hot near3 melt) and (automobile near3 trim)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/07 18:39
S101	25	("4317011"   "4326930"   "4400595"   "4461934"   "4499662"   "4532575"   "4620075"   "4633050"   "4714804"   "4771143"   "4801768"   "4847452"   "4870751"   "4876145"   "5193668"   "5397867"   "5467068"   "5561278"   "5655826"   "5734137").PN. OR ("6321441").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/07 18:39
S102	1	("20060029809").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/07 18:39
S103	0	(phone adj cover) with metal with skin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/07 18:39
S104	3	(phone adj cover) with metal with (plastic resin)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/07 18:39
S105	22	(phone near5 cover) with metal with (plastic resin)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/07 18:39
S106	2	("4193848"   "6335906").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/07 18:39
S107	18	(phone near5 cover).ti. and (metal with (plastic resin))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/07 18:39
S108	1	(55/003972).APP.	JPO	OR	OFF	2009/11/07 18:39

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